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TITLE: PEARLY CONJUGATE FIBER
PUBN-DATE: February 5, 1992

INVENTOR-INFORMATION:

NAME

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*40% exh.
Sheath - lightly dyed (PA)
Core - PET*

ASSIGNEE-INFORMATION:

NAME

TORAY IND INC

COUNTRY

N/A

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INT-CL (IPC): D01F008/12, D01F008/14 , D06P003/87 ,
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US-CL-CURRENT: 428/373, 428/395

ABSTRACT:

PURPOSE: To obtain the subject fiber, excellent in a light chromatic color and useful as sportswear, etc., by regulating the degree of exhaustion of a sheath part with a prescribed brightener to a prescribed amount or less based on that of a core part and the degree of exhaustion on an acidic chromatic dye to a prescribed amount based on that of the sheath part.

CONSTITUTION: The objective fiber which is conjugate fiber, obtained by

arranging a polyamide (e.g. nylon 6) in a sheath part and a sulfonated aromatic dicarboxylic acid-modified polyester (e.g. 5-sulfoisophthalic acid; the amount of copolymerization is preferably 0.5-6mol%) in a core part and dyed with a cationic type fluorescent brightener and an acidic chromatic dye. The sheath part has a degree of exhaustion of the cationic type fluorescent brightener of $\leq 10\%$ based on that of the core part and the degree of exhaustion of the acidic chromatic dye is 0.002-0.05% owf based on the polyamide in the sheath part.

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